

AMENDMENTS TO THE SPECIFICATION

Please amend Table 3 beginning on page 29 with the Table 3 as appended to this paper.

Table 3. Sequence of Synthetic Oligodeoxynucleotides and Extension Primers

Synthetic oligodeoxynucleotides as extension templates	Extension primers	Misincorporation
Template 1 (G/C)		
GTGGTGTTCCTCTTCGAAGGGCTTGCTAATCCTTGG CCCA (SEQ ID NO: 65)	CCAAGGATTAGCAAGCCCTTCGAAGAG (SEQ ID NO: 67)	G allele for CC cluster
GTGGTGTGCTCTTCGAAGGGCTTGCTAATCCTTGG CCCA (SEQ ID NO: 66)		
Template 2 (G/A)		
AGTGGATCCCACTGTCGATGGAGATGCCTGAGAAA GACCC (SEQ ID NO: 68)	CTCAGGCATCTCCATCGACAGTGGG (SEQ ID NO: 70)	G allele for AA cluster
AGTGGACCCCACTGTCGATGGAGATGCCTGAGAAA GACCC (SEQ ID NO: 69)	CTCAGGCATCTCCATCGACAGTGGG (SEQ ID NO: 70)	
Template 3 (A/T)		
ACGAAAAATTTTGCTAGTGGTTTACCCATGGTCATA GCTGT (SEQ ID NO: 71)	CTATGACCATGGGTAAACCACTAGCAAAA (SEQ ID NO: 73)	A allele for TT cluster
ACGAAAAATTTTGCTAGTGGTTTACCCATGGTCATAG CTGT (SEQ ID NO: 72)		
Template 4 (G/A)		
CAAAACTAAGATAGCTATTCCATCCCTCCATTCGTT TTTATTATC (SEQ ID NO: 74)	AACGAATGGAGGGATGGAATA (SEQ ID NO: 76)	A allele for GG cluster

Synthetic oligodeoxynucleotides as extension templates	Extension primers	Misincorporation
CAAACTAAGATAGTTATTCCATCCCCTCCATTTCGTT TTTATTATC (SEQ ID NO: 75)		
Template 5 (A/T)		
CACTAGCAAAAATTTCGTGTCCTGTTCCTCCACTGGCC GTCG (SEQ ID NO: 77)	GGCCAGTGGGAACAGGACACGAAA (SEQ ID NO: 79)	A allele for TT cluster
CACTAGCAAAAATTTCGTGTCCTGTTCCTCCACTGGCC GTCG (SEQ ID NO: 78)		
Template 6 (G/A)		
AGTGGATCCCCTGTCGATGGAGATGCCTGAGAAA GACCC (SEQ ID NO: 80)	CTCAGGCACTCTCCATCGACAGTGGG (SEQ ID NO: 82)	G allele for AA cluster
AGTGGACCCCCTGTCGATGGAGATGCCTGAGAAA GACCC (SEQ ID NO: 81)		